

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenneth Smith et al. Examiner: Nadeem Iqbal  
Serial No.: 10/743,662 Group Art Unit: 2114  
Filed: Dec. 22, 2003 Docket No.: 10013804-1  
Title: MRAM WITH CONTROLLER

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**AMENDMENT AND RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment and Response is in reply to the Non-Final Office Action mailed June 27, 2006. Please amend the above-identified patent application as follows:

Amendments to the Claims begin on page 2.

Remarks begin on page 6.

**AUTHORIZATION TO DEBIT ACCOUNT**

It is believed that no extensions of time or fees are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required (including fees for net addition of claims) are hereby authorized to be charged to Hewlett-Packard Development Company's deposit account no. 08-2025.